

Serial No. 09/923,359

Docket No. K-0311

Amendment dated December 29, 2006

Reply to Office Action of October 2, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 4. (Canceled)

5. (Currently Amended) An operating method of an informative service system comprising:

connecting to the Internet by a client using a mobile phone of the client, the connection being to a server network on the Internet, the client requesting special information;

continuously confirming by the server network the location of a the client's mobile phone set to receive various services based on the request;

collecting the special information required for supply of traffic information in a region through a local content provider network constructed in the region when it is confirmed through a pilot signal transmitted from the client's mobile phone that the client's mobile phone enters the region; and

transmitting the collected information from the local content provider network over the Internet to an Internet Protocol (IP) of the client's mobile phone.

6. (Original) The method according to claim 5, wherein the special information is at least one of information effective only in the corresponding region, information of the current traffic conditions in the region, information of each road in the region and information of the current conditions of each road.

7. (Currently Amended) The method according to claim 6, wherein ~~when~~ the special information ~~includes~~ comprises the information of the current traffic conditions in the region, the information of the current traffic conditions in the region further ~~comprises~~ comprising information under a traffic control condition.

8. (Currently Amended) The method according to claim 6, wherein ~~when~~ the special information ~~includes~~ comprises the information of each road in the region, the information of each road further ~~comprises~~ comprising information of driving speed limit, information of no-parking areas, information of one-way traffic and map data of the above information.

9. (Original) The method according to claim 6, wherein information of the current traffic conditions is information of road conditions due to road construction in the corresponding region and map data of the above information.

10. – 17. (Canceled)

18. (Currently Amended) An operating method of an informative service system for providing requested information to an owner of a mobile phone comprising:

connecting to the Internet by an owner using a mobile phone of the owner, the connection being to a server network on the Internet;

requesting special information within a region by the owner of ~~a~~the mobile phone entering the region, the request being to the server network through ~~an~~the Internet connection using the mobile phone through a base station;

receiving the request for special information through ~~a~~the server network from the mobile phone;

confirming the present position of the owner's mobile phone by the server network by confirming the base station through which the mobile phone is connected through a channel connected with the mobile phone;

searching for the requested information at a local content provider (CP) network from information stored on the basis of information received from the server network;

transmitting data of the requested information to the local CP network; and

transmitting the data of the requested information from the local CP network over the Internet to an Internet Protocol (IP) of the mobile phone.

19. – 29. (Canceled)

30. (Currently Amended) An information service system comprising:

connecting to the Internet by a client using a mobile phone of the client, the connection being to a server network on the Internet;

a database storing information of a standard location registered by the client using ~~a~~the mobile phone, information of critical value of a difference in time and space from the standard location and information related with services provided according to the difference in time and space;

position confirming means for ~~grasping~~detecting the present position of the client by confirming a base station through which the mobile phone is connected through a channel connected with the mobile phone;

time measuring means for counting time exceeding the critical value from the standard location registered by the client;

information obtaining means for obtaining information of services set according to the difference in time and space confirmed by the position confirming means and the time measuring means; and

information transmitting means for transmitting the obtained information via the Internet to an Internet Protocol (IP) of a mobile phone of a client.

31. (Original) The system according to claim 30, wherein all of the means are constructed according to the environment of a mobile communication system based on various networks.

32. (Currently Amended) An operating method of an informative service system comprising:

connecting to the Internet by an owner using a mobile phone of the owner, the connection being to a server network on the Internet;

registering a standard location by ~~a~~the client using ~~a~~the mobile phone via a connection to a base station;

continuously confirming the present position of the client by confirming the base station through which the mobile phone of the client is connected through a channel connected with the mobile phone;

confirming a difference in time and space between the confirmed present position of the client and an initially registered standard location; and

performing a service set according to an exceeded difference if the confirmed difference in time and space exceeds a critical value of a set difference in time and space, the service set being performed over the Internet to an Internet Protocol (IP) of the mobile phone.

33. (Previously Presented) The method according to claim 32, wherein the confirming the present position of the client is performed according to a period for confirming the set present position or performed according to a request of the client.

34. (Previously Presented) The method according to claim 32, wherein the confirming a difference in time and space between the confirmed present position of the client and an initially registered standard location is performed by confirming whether or not the client is out of the set critical distance from the initially registered standard location.

35. (Currently Amended) The method according to claim 32, wherein the service set according to the exceeded difference further comprises service for providing at least one of information of various e-mails received from the registered standard location to ~~the~~ an account of the client's account at a time point exceeding the critical value of the set difference in time and space, information of available restaurants at a location where the client is located if it is a mealtime, and information of traffic for returning the client to the standard location.

36. (New) A method for providing regional information to a user of a mobile phone comprising:

registering a location of a mobile phone of a user;

continuously confirming a present location of the user by identifying a base station through which the mobile phone of the user is currently connected;

requesting special information within a region by the user of the mobile phone entering the region, the request being through an Internet connection to a server network using the mobile phone;

receiving the request for special information at the server network from the mobile phone;

confirming the present location of the user's mobile phone by the server network by confirming the base station through which the mobile phone is connected;

searching for the requested special information at a local content provider (CP) network from information stored on the basis of information received at the server network;

transmitting data of the requested special information to the local CP network;

connecting the mobile phone to the local CP network; and

transmitting the data of the requested special information from the local CP network to the Internet connection of the mobile phone,

Serial No. **09/923,359**

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wherein the special information comprises at least one of information effective only in the corresponding region, information of the current traffic conditions in the region, information of each road in the region, and information of the current conditions of each road.